Pulse Position Modulation 11106/2019 x(t) = (g(t-tn))shape of pulses Multiplexing Radio frequency Xctt)
+ranslation > m, (t) [hal] Buseband. mo U) Nod.2. > Dem.1 -> Dem.3 Total Bandwidth 3 = 2Wi + Soundwidth guard bands

Quadrature Multiplexing my (t) Accos(wet) Acsin(wct) QDSB de reodulator $X_{c}(t) = A_{c}[m_{1}(t).\omega_{s}(\omega_{c}t) + m_{2}(t).\sin(\omega_{c}t)] = X_{r}(t)$ 2005 (Wct). Xr (t) = = Ac [my(t). cost - mg t). sint + +0) +m2 H)·Sin(411fct+0) 400th ac[m1(t).cos0 - m2(t).sin0]

mH) ulse shaping ADC Nessage Source and based on line coding yo limits